

APRIL/MAY 2024

CSC61 — OPEN SOURCE SOFTWARE

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define the open source tools.
2. What is mean by open source components?
3. Write the two types of licenses.
4. What is commercial license for software?
5. Where is open source code stored?
6. Define Bug Database.
7. What is shell?
8. How functions are created in shell?
9. How does MySQL Work?
10. Expand MySQL.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain about life cycle paradigm of open source methodology.

Or

- (b) Discuss on role on each phase in open source development model.

12. (a) Write the advantages and disadvantages of open source software.

Or

- (b) Illustrate contract and copyright law of OSS.

13. (a) Describe about the source code repositories.

Or

- (b) Explain the tools used for bug tracking.

14. (a) Explain the disadvantages of open source OS.

Or

- (b) Demonstrate open source shells available in linux.

15. (a) Describe the sql commands with example query.

Or

- (b) Explain on how can connect php to mysql.



SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss prototype of paradigm of open source methodology.

17. Differentiate between Open source Software and Commercial software.

18. Describe the five OSS infrastructure.

19. Explain the variables and control structure in shell programming.

20. Discuss about the data and time functions in MySQL.